

Name: _____

Date: _____

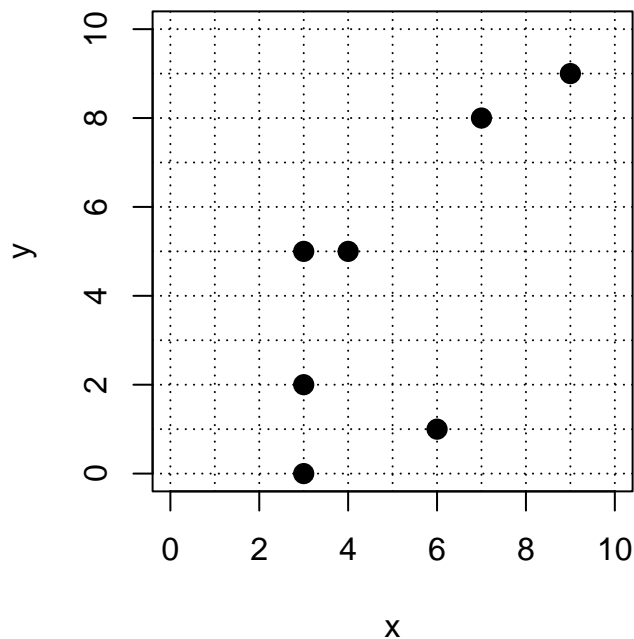
Check if Relation is a Function (12 pts classwork, version 23)

1. A **relation** is expressed as a list of (x, y) ordered pairs.

$(1, 6)$ $(2, 9)$ $(2, 9)$ $(3, 9)$ $(4, 7)$

- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?

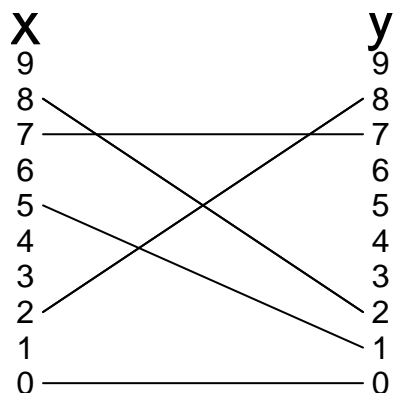
2. A relation is shown as points on a graph.



- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?

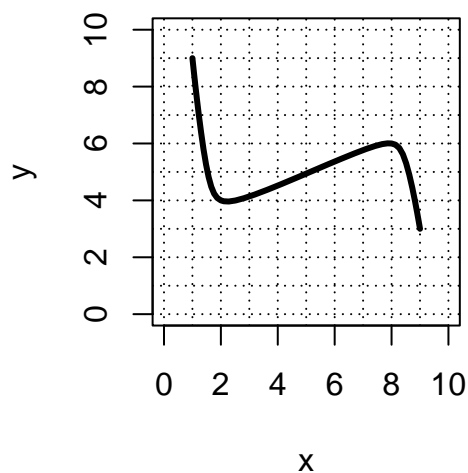
Check if Relation is a Function (version 23)

3. A relation is shown with segments connecting elements of two sets.



- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?

4. A relation is shown as a curve plotted on an x, y



- Is y a function of x ? Why or why not?
- Is x a function of y ? Why or why not?
- One-to-one function? Why or why not?